

Claims

[c1] 1. A remote control device (RCD) comprising:

- a first wireless interface for controlling one or more peripheral devices;
- a second wireless interface for communicating with a mobile phone;
- a speaker for outputting audio signals received from the mobile phone;
- a microphone for receiving audio signals to be transmitted to the mobile phone; and
- a processor for processing wireless signals communicated between the RCD and the mobile phone,

wherein the RCD:

- receives a signal from the mobile phone in response to the mobile phone receiving a wireless signal from a digital cellular network (DCN); and
- processes the received signal from the mobile phone.

[c2] 2. The RCD of claim 1 wherein the signal received by the RCD from the mobile phone is an audio signal used for establishing a telephone call.

[c3] 3. The RCD of claim 2 wherein processing the received signal from the mobile phone comprises using the RCD

to connect to a telephone call received by the mobile phone.

- [c4] 4. The RCD of claim 3 wherein the RCD transmits the audio signal received from the mobile phone to one of the one or more peripheral devices to be audibly output.
- [c5] 5. The RCD of claim 1 wherein the signal received by the RCD from the mobile phone is a data signal selected from the group consisting of a text data signal, an audio data signal, a video data signal, and any combination thereof.
- [c6] 6. The RCD of claim 5 wherein the act of processing the received signal from the mobile phone comprises transmitting the data signal received from the mobile phone to one of the one or more peripheral devices to be output.
- [c7] 7. The RCD of claim 1 wherein the signal received by the RCD from the mobile phone is a data signal selected from the group consisting of an SMS message, an MMS message, and an e-mail message.
- [c8] 8. The RCD of claim 7 wherein processing the received signal from the mobile phone comprises transmitting the data signal received from the mobile phone to one of the one or more peripheral devices to be output.

[c9] 9. A remote control device (RCD) communicable with a mobile phone and one or more peripheral devices, the RCD comprising:

means for controlling the mobile phone to:
process signals received from the mobile phone;
output signals received from the mobile phone;
handle an incoming telephone call received by the mobile phone from a digital cellular network (DCN); and
means for controlling the one or more peripheral devices such that signals received from the mobile phone can be transmitted to the one or more peripheral devices.

[c10] 10. The RCD of claim 9 further comprising:
processing means for processing signals received from the mobile phone;
a speaker for outputting audio signals received from the mobile phone; and
a microphone for inputting audio signals to be sent to the mobile phone.

[c11] 11. The RCD of claim 10 wherein the remote control device further comprises a user interface to control the output of data received from the mobile phone.

[c12] 12. The RCD of claim 11 wherein the remote control device further comprises a video display to display video or

text data received from the mobile phone.